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INFORMATION DISCLOSURE	Filing Date	February 14, 2002				
STATEMENT BY APPLICANT	First Named Inventor	Chih-Pin LIU et al.				
	Group Art Unit	<del>1045</del> 1644				

To be assigned VanderVegt **Examiner Name** Sheet of 3 **Attorney Docket Number** 1954-313

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.1	U.S. Patent D	Nocument  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
PV		5,734,023		Nag et al.	March 31, 1998
		5,468,481		Sharma et al.	November 21, 1995
		5,130,297		Sharma et al.	July 14, 1992
V		5,260,422		Clark et al.	November 9, 1993
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			FOREIGN PA	ATENT DOCUMENTS	

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Examiner Cite		Fore Office <sup>3</sup> Code	ign Patent Docum	nent Kind <sup>5</sup>		Name of Patentee of Applicant of Cited Document		it of	Date of Publication of Cited Document MM-DD-YYYY	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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*		OTHER PRIOR AR	T - NON PATENT LITERATU	IRE DOCUMENTS						
Examiner Initials*	Cite No.1			f the article (when appropriate), title of the tc.), date, page(s), volume-issue number(s), here published	T <sup>2</sup>					
PV		Savage et al., "A Kinetic Response," <u>Immunity</u> 10		pertoire Selection During an Immune						
		Altman et al., "Phenotypi October 1996.	Altman et al., "Phenotypic Analysis of Antigen-Specific T Lymphocytes," <u>Science</u> , 274:94-96, October 1996.							
		Crawford et al., "Detection of Antigen-Specific T Cells with Multivalent Soluble Class II MHC Covalent Peptide Complexes," Immunity, 8:675-682, June 1998.								
		Tian et al., "Nasal Admin Th2 Responses and Pre 1567, April 1996.	Tian et al., "Nasal Administration of Glutamate Decarboxylase (GAD65) Peptides Induces Th2 Responses and Prevents Murine Insulin-dependent Diabetes," <u>J. Exp. Med.</u> , 183:1561- 1567, April 1996.							
		Tian et al., "Modulating A Prolongs Islet Graft surv December 1996.	Tian et al., "Modulating Autoimmune Responses to GAD Inhibits Disease Progression and Prolongs Islet Graft survival in Diabetes-Prone Mice," <u>Nature Medicine</u> , 2(12):1348-1353, December 1996.							
		Cetkovic-Cvrlje et al., "R Intrathymic Administratio December 1997.	Cetkovic-Cvrlje et al., "Retardation or Acceleration of diabtes in NOD/Lt Mice Mediated by Intrathymic Administration of Canadidate β-Cell Antigens," <u>Diabetes</u> , 46:1975-1982,							
		Suppression of Autoimm	Tisch et al., "Induction of Glutamic Acid Decarboxylase 65-Specific Th2 Cells and Suppression of Autoimmune Diabetes at Late Stages of Disease Is Epitope Dependent <sup>1</sup> ,"  The Journal of Immunology, 163:1178-1187, 1999.							
			Pakala et al., "T Helper 2 (Th2) T Cells Induce Acute Pancreatitis and Diabetes in Immune-Compromised Nonobese Diabetic (NOD) Mice," <u>J. Exp. Med.</u> , 186(2):299-306, July 1997.							
		Poulin, J., "Induction of D TCR Transgenic Mouse	Diabetes in Nonobese Diabeti ," <u>J. Immunol.</u> 164:3072-3078	c Mice by Th2 T Cell Clones from a 8, 2000.						
				ype 2 T Helper-Cell Autoimmune ," <u>Nat. Med.</u> 6(10):1176-1182,						
		Chao et al., "Identification Obese Diabetic Mice," <u>In</u>	n of Immunogenic Epitopes o nmunogenetics, 46:29-34, 19	f GAD 65 presented by A <sup>97</sup> in Non- 97.						

Chao et al., "The Role of MHC Class II Molecules in Susceptibility to Type I Diabetes: Identification of Peptide Epitopes and Characterization of the T Cell Repertoire," <a href="Proc. Natl.Acad. Sci. USA">Proc. Natl. Acad. Sci. USA</a>, 96:9299-9304 (1999).

Salomon et al., "Complexities of CD28/B7: CTLA-4 Costimulatory Pathways in Autoimmunity and Transplantation," <u>Annu. Rev. Immunol.</u>, 19:225-252, 2001.

Theofilopoulos et al., "T Cell Homeostasis and Systemic Autoimmunity," J. Clin. Invest.,

108(3):335-340, August 2001.

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	A Rings	130V PEEKE		Application Number 10/074,257			
INFORMATION DISCLOSURE				Filing Date	February 14, 2002		
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Ŷ	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						

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## Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite Examiner item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), T<sup>2</sup> No.1 Initials\* publisher, city and/or country where published Liu et al., "Detection of Glutamic Acid Decarboxylase-Activated T Cells with I-A<sup>97</sup> Tetramers." PV Proc. Natl. Acad. Sci. USA, 97(26):14596-14601, December 2000. Shevach, Ethan M., "Regulatory T Cells in Autoimmunity," Annu. Rev. Immunol., 18:423-449, 2000. Sakaguchi, Shimon, "Animal Models of Autoimmunity and Their Relevance to Human Diseases," Curr. Opin. in Immunol., 12:684-690, 2000. Roncarolo et al., "The Role of Different Subsets of T Regulatory Cells in Controlling Autoimmunity," Curr. Opin. in Immunol., 12:676-683, 2000. Maloy et al., "Regulatory T Cells in the Control of Immune Pathology," Nat. Immunol., 2(9):816-822, September 2001. Moore et al., "Interleukin-10 and the Interleukin-10 Receptor," Annu. Rev. Immunol., 19:683-765, 2001 Gutgemano, I. et al., "Induction of Rapid T Cell Activation and Tolerance by Systemic Presentation of an Orally Administered Antigen," Immunity, 8: 667-673, June 1998.

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PV	1	CARRA: Mice Are	CARRASCO-MARIN, E. et al., "The Class II MHC I-A <sup>97</sup> Molecules from Non-Obese Diabetic Mice Are Poor Peptide Binders," <i>J. Immunol.</i> , 156:450-458, 1996.							
PV	2	CARRA: Molecule	SCO-l e," <i>Re</i>	MARIN, E. s. Immuno	et al., "Insights Into the Cher I., 148(5):291-301, 1997.	mistry and Biology of the I-A <sup>97</sup> Class II				
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A.	—→PV	HACKET Immunolo	Γet <i>gy</i> ,	al., "Fr 3(10):8	ontie 387-8	rs in Peptide-MHC Class II M 89, October 2002.	lultimer Technology," <i>Nature</i>	
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